Beobachtungen des Kometen 1911 g (*Beljowsky*)

am Repsoldschen Heliometer der Sternwarte in Göttingen von cand. astr. *Heinrich Rauschelbach*.

1911	M. Z. Gött.	$\Delta\alpha$	$\Delta\delta$	Vgl.	Bb.	α app.	$\log p\Delta$	δ app.	$\log p\Delta$	Red. ad l. app.	*
Okt. 3	16 ^h 50 ^m 23 ^s	+6 ^m 23 ^s 66	+ 6' 15".0	4 ϕ , 4s	R	11 ^h 37 ^m 31 ^s 27	9.662 _n	+11° 30' 25".5	0.827	+0 ^s 66 - 3".6	1
3	17 0 43	+6 29.02	+ 6 30.4	4 ϕ , 4s	R	11 37 36.63	9.662 _n	+11 30 40.9	0.824	+0.66 - 3.6	1
3	17 11 43	+6 45.49	- 9 56.7	4 ϕ , 4s	R	11 37 41.29	9.660 _n	+11 30 53.7	0.821	+0.66 - 3.6	2
3	17 23 58	+6 51.73	- 9 39.2	4 ϕ , 4s	R	11 37 47.53	9.657 _n	+11 31 11.2	0.817	+0.66 - 3.6	2
9	17 34 19	+2 55.42	- 0 45.5	6 ϕ , 6s	R	13 0 41.46	9.651 _n	+11 25 21.8	0.823	+0.57 - 5.9	3
17	6 22 1	-4 58.00	- 2 59.3	4 ϕ , 4s	R	14 28 1.05	9.651	+ 2 36 50.3	0.833	+0.59 - 6.8	4
18	6 20 55	-4 31.96	+ 6 11.8	4 ϕ , 4s	R	14 36 26.85	9.649	+ 1 11 38.2	0.835	+0.61 - 7.0	5
18	6 34 3	-4 27.66	+ 5 19.1	4 ϕ , 4s	R	14 36 31.15	9.652	+ 1 10 45.5	0.836	+0.61 - 7.0	5
19	5 52 19	-0 14.23	+17 46.8	4 ϕ , 4s	R	14 44 6.10	9.636	- 0 11 1.5	0.836	+0.62 - 7.1	6
19	6 2 58	-0 10.93	+17 10.7	4 ϕ , 4s	R	14 44 9.40	9.641	- 0 11 37.6	0.836	+0.62 - 7.1	6
19	6 15 44	-0 6.91	+16 26.4	4 ϕ , 4s	R	14 44 13.42	9.646	- 0 12 21.9	0.836	+0.62 - 7.1	6

Mittlere Örter der Vergleichsterne.

*	α 1911.0	δ 1911.0	Autorität	*	α 1911.0	δ 1911.0	Autorität
1	11 ^h 31 ^m 6 ^s 95	+11° 24' 14".1	AG Lpz I 4339	4	14 ^h 32 ^m 58 ^s 46	+ 2° 39' 56".4	AG Alb 5008
2	11 30 55.14	+11 40 54.0	" 4337	5	14 40 58.20	+ 1 5 33.4	" 5044
3	12 57 45.47	+11 26 13.2	" 4747	6	14 44 19.71	- 0 28 41.2	AG Nic 3803

Bemerkungen. Vergrößerung 105. Okt. 3. Auffallende Erscheinung, Kern fixsternartig und etwa 7. Größe, Kopf und Schweif mit bloßem Auge sehr gut sichtbar; Schweif fächerförmig gebogen und scharf begrenzt, etwa 10°-12° weit zu verfolgen. — Okt. 9. Zen.-Dist. 83°3. — Okt. 17. Zen.-Dist. 83°4. — Okt. 18. Zen.-Dist. 83°8 und 85°8. — Okt. 19. Zen.-Dist. 80°5, 82°1, 84°1.

Göttingen, 1912 Jan. 21.

H. Rauschelbach, cand. astr.

Observations of *Halley's* Comet 1909 c. By *Myrtle Leila Richmond*.

The following observations of *Halley's* comet were made with the Bruce filar micrometer of the twenty inch refractor of the Chamberlin Observatory, at University Park, Colorado.

During the period covered by the observations, the nucleus of the comet was plainly visible in the telescope.

1910	Denver M.T.	$\Delta\alpha$	$\Delta\delta$	Cp.	α app.	$\log p\Delta$	δ app.	$\log p\Delta$	Red. ad l. app.	*
May 30	8 ^h 46 ^m 45 ^s	-1 ^m 28 ^s 22	+ 0' 48".6	19,6	9 ^h 46 ^m 5 ^s 86	9.558	+2° 53' 11".7	0.730	+0 ^s 04 - 1".3	1
June 2	9 25 33	+2 21.41	+ 4 23.1	10,3	10 1 23.89	9.601	+1 30 53.0	0.741	+0.05 - 1.8	2
4	8 34 8	+3 7.60	- 4 7.5	20,6	10 8 28.74	9.534	+0 52 34.5	0.742	+0.06 - 2.0	3
4	8 48 46	-0 22.49	- 0 33.2	20,8	10 8 30.50	9.556	+0 52 28.1	0.742	+0.08 - 2.0	4
6	8 44 1	-0 46.16	+ 6 43.2	20,8	10 14 16.28	9.552	+0 21 13.1	0.745	+0.10 - 2.3	5
6	9 3 3	-2 27.58	+ 7 6.1	20,6	10 14 18.47	9.578	+0 21 1.2	0.746	+0.11 - 2.4	6
7	8 34 24	-3 30.52	+ 4 32.0	20,6	10 16 44.58	9.540	+0 7 48.9	0.747	+0.12 - 2.5	7
7	8 50 50	-1 40.05	+ 1 37.9	20,6	10 16 46.10	9.564	+0 7 33.7	0.747	+0.12 - 2.4	8
8	8 44 7	-5 5.61	-12 8.3	20,6	10 19 1.98	9.557	-0 4 45.8	0.748	+0.14 - 2.5	9
8	9 2 30	-6 37.77	+ 5 40.1	20,6	10 19 3.85	9.581	-0 4 51.3	0.748	+0.15 - 2.7	10
10	8 39 10	+2 53.54	- 6 41.6	20,6	10 23 3.73	9.556	-0 26 45.1	0.749	+0.11 - 2.5	11
10	8 53 58	+4 12.65	- 0 1.9	20,6	10 23 4.64	9.576	-0 26 48.7	0.752	+0.10 - 2.5	12
11	8 45 57	+1 52.44	- 6 29.4	20,6	10 24 52.05	9.568	-0 36 46.0	0.751	+0.12 - 2.6	13
11	8 59 8	+1 4.74	+ 3 5.1	20,6	10 24 53.05	9.585	-0 36 47.0	0.750	+0.12 - 2.6	14
18	8 45 57	-1 10.95	+10 29.3	19,6	10 34 54.10	9.589	-1 32 36.6	0.754	+0.09 - 2.6	15
18	8 59 36	+1 19.41	- 2 17.8	20,6	10 34 55.13	9.604	-1 32 44.8	0.754	+0.08 - 2.5	16
20	8 52 26	+3 43.49	+ 0 5.3	20,6	10 37 14.44	9.603	-1 45 46.7	0.755	+0.06 - 2.5	17
20	9 3 21	+2 14.91	+ 6 51.9	20,6	10 37 14.86	9.613	-1 45 53.8	0.754	+0.07 - 2.6	18
20	9 18 57	-0 37.01	- 6 7.0	15,6	10 37 15.69	9.625	-1 45 55.3	0.753	+0.09 - 2.6	19
20	9 25 51	-0 57.21	- 3 29.0	20,6	10 37 16.30	9.630	-1 45 51.1	0.752	+0.09 - 2.6	20